

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/007154

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> G11B7/125, 7/005, 7/0045

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> G11B7/125, 7/005, 7/0045

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Kokai Jitsuyo Shinan Koho	1971-2004	Jitsuyo Shinan Toroku Koho	1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 5-315687 A (Sony Corp.), 26 November, 1993 (26.11.93), Full text; Figs. 1 to 5	1, 2, 4-5, 8-11, 13-15, 17-18
Y	Full text; Figs. 1 to 5	3, 6, 12
A	Full text; Figs. 1 to 5 (Family: none)	7, 16
X	JP 2002-335041 A (Sony Corp.), 22 November, 2002 (22.11.02), Full text; Figs. 1 to 2	1, 2, 4-5, 8-11, 13-15, 17-18
Y	Full text; Figs. 1 to 2	3, 6, 12
A	Full text; Figs. 1 to 2 & US 2002/163946 A1	7, 16

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the international search  
18 August, 2004 (18.08.04)Date of mailing of the international search report  
07 September, 2004 (07.09.04)Name and mailing address of the ISA/  
Japanese Patent Office

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 4-302831 A (Sony Corp.), 26 October, 1992 (26.10.92), Full text; Figs. 1 to 4 (Family: none)	3, 6, 12